

Pharmacy and Japanese University to Arrange Exchanges

An exchange of faculty and students, and collaborative research in pharmacy, will soon be happening between the pre-eminent school of pharmaceutical sciences in Japan and our Faculty of Pharmacy and Pharmaceutical Sciences.

A Letter of Intent to this effect was signed by Dean Bachynsky and Haruo Kitagawa, Dean of Pharmaceutical Sciences at Chiba University—one of Japan's national universities—in a ceremony on 27 June witnessed by K. Tajika, Consul of Japan in Edmonton, and Morris Maduro, Federal and Intergovernmental Affairs. A formal Agreement is expected to be signed later this year when John Bachynsky visits Japan.

Eventually, it is hoped that collaborative and exchange arrangements will be extended between other departments in both universities.

Dr. Kitagawa, an internationally-known scientist, was accompanied on his visit to Alberta by S. Nakagami, director and member of the board of Taiho Pharmaceutical Company, one of the big Japanese companies of this kind. "Taiho Pharmaceutical has had a continuing relationship with the pharmaceutical faculties both at our University and at Chiba University," said Ron Micetich (Pharmacy). "This is the only instance of a Japanese pharmaceutical company funding research in Canada." □

Contents

- Nursing's placement program
- Environment suit a winner
- 'Activities'
- Campus Security gets new uniforms
- Chembiomed moving



FOLIO

University of Alberta

24 July 1986

Deadlines Struck for Canada Research Fellowships Competition

Brisk strides are being taken as regards the Canada Research Fellowships. The Social Sciences and Humanities Research Council of Canada (SSHRC) approved the new program in May and set 1 October 1986 as the deadline for the first Canada Research Fellowships competition.

For faculty in University of Alberta departments that are eligible for SSHRC funding, there is another important deadline: 15 September. In advising Deans and department chairmen of the stages devised for the processing of fellowship applications to SSHRC, Patricia Demers said that each department will set up its own assessment structure. Should there be multiple nominations, the department will rank the Research Fellow candidates. The Dean, having received the rank-ordered names of nominees from the chairman, will provide a preliminary Faculty ranking for all nominees and forward the applications and supplementary information to the Office of Research Services by 15 September.

Demers, Research Co-ordinator, Office of the Vice-President (Research), said that on 24 September, a committee organized by the Vice-President (Research) will review and rank the nominations.

"The newness of this program and the very tight timing call for a good deal of co-operation and, I hope, innovative flexibility," she said.

The Canada Research Fellowships program has two main objectives: to assist in maintaining and developing the national capacity for research and to ensure that there will be an adequate supply of highly qualified researchers and teachers to meet the expected demand for faculty and research appointments in Canada throughout the next decade.

Paralleling these objectives is the expansion of career opportunities for "very promising researchers" in the social sciences and humanities. This would come about because of a cost-sharing arrangement involving SSHRC and the private sector. Such funding would, of course, be released only for candidates who are successful in the competition.

Locally, the Fund Development Office and Research Services are developing guidelines for attracting private sector funds.

Canada Research Fellowships are offered for a minimum of three years and may be held for a maximum of five years. The value of the award is \$35,000 per year, payable to the university. □

Spencer Appointed to NSERC Board

Mary Spencer (Plant Science) has been appointed to the board of the Natural Sciences and Engineering Research Council.

The appointment, for a three-year term, was announced recently by Frank Oberle, Minister of State for Science and Technology.

The board advises the Minister of

State for Science and Technology on research matters and promotes and assists research in the natural sciences and engineering. Meetings are convened regularly throughout the year in Ottawa and there is one out-of-town meeting annually.

Dr. Spencer is a former board member of the National Research Council. □

Ways and Means Committee Advises Board on Real Estate Matters

Like all of us, the University wants to get the most value for its investment dollar. To this end, the Board of Governors recently received advice from a ways and means committee (chairman: Sandy Mactaggart), advice aimed at helping the University realize the most from its real estate holdings. Before recommending a plan of action, the committee, a sub-committee of the Board's Finance Committee, sounded out the Urban Land Institute as well as other institutions and individuals who had been through a similar land assessment process.

The pro tem committee suggested that a real estate office be created to establish policies, guidelines and procedures; encourage gifts of land and property to the University (and develop policies and legislation which will encourage such donations); and identify, develop and manage to its highest and best fiscal use, properties owned or leased by the University that are surplus to its academic requirements.

The next order of business is the development of a land use plan. □

Nurses Travel, Return the Wiser

Nursing 464 is a picture window on professional nursing practice. At the close of the third year of the four year Basic Baccalaureate program students have acquired numerous clinical nursing skills but they need to consolidate them. Nursing 464 is a six-week (two three-week sessions) concentrated clinical experience in which students are placed in (largely) Alberta hospitals to practice in two of the following areas: surgical, medical, psychiatric, pediatric, emergency or obstetrical.

Students may well be called upon to assess the health status of people in various age groups, assess the influence of environmental, social and cultural factors on health status, identify self-care deficits, work with other members of the health team in planning patient care, and assume responsibility and show accountability for personal actions in nursing practice. In short, Nursing 464 is the perfect follow-up to all the hours spent in classrooms and libraries.

The program was initiated two years ago (previously, students gained all practical experience

within the Faculty). The coordinator, Olive Yonge, has cultivated contacts in towns and communities from Coronation to High Level and, most recently, the Northwest Territories. Such expansion was inevitable because the Nursing quota has been raised over the years to 100 students and because the University competes for placement positions with a number of institutions, including the Royal Alexandra Hospital, the University of Alberta Hospitals School of Nursing and Grant MacEwan Community College.

The program starts with a survey. Yonge determines the study preferences of students and their choice(s) of hospitals in which they would like to further their training. Letters go out early in January, responses come back and contract exchanges are set up, thanks in part to the administrative support supplied by Dean Jannetta MacPhail and Janet Kerr. Faculty contact instructors assist with the orientation of the preceptor and preceptee as to their roles and functions, supply preceptors with evaluation forms and course

outlines and review the students' objectives. The contact instructor is available for weekly consultation by telephone or visitation. Eventually, students are assigned duties in hospitals in, for example, Didsbury, Canmore and Ponoka. Yonge says it's difficult to arrange for out-of-province placements; Victoria and Williams Lake, B.C. were two exceptions this year. Of course, there will always be those who are truly enterprising. Five students worked hard at part-time jobs, saved diligently, made a strong case to Yonge and wound up taking Nursing 464 in Hawaii. (All placements come under the "learning experience" rubric; no money is earned.)

The program revolves around preceptorship, a teaching method that was first used in nursing education in the 1960s. It evolved from the mentorship and apprenticeship concepts traditionally used in business and industry. It has been used in baccalaureate, diploma and staff development programs. In a preceptorship relationship an experienced nurse teaches one nursing student the skills she/he has acquired. The student works with the nurse throughout the latter's shifts and learns by watching, following directions and raising questions.

The student's performance is evaluated as follows: How well did the preceptee meet the objectives?

Comment as to the knowledge the student obtained about nursing practice while in your clinical area. How well did she/he form collaborative relationships with others? What would you see as her/his areas of strength? Areas to be improved?

Students rate the experience very favorably, claiming that "this method of teaching is much more realistic and less stressful," that it "allowed self-direction" and that there is "more opportunity to observe procedures."

Likeability, Yonge points out, is part and parcel of the program. She tries to match a particular student to a particular preceptor (it's desirable but not essential that the latter has a BSc in Nursing), but it is left to that student to ingratiate herself with her preceptor. If necessary, a student could be pulled from a placement but so far things have worked to everyone's satisfaction. □

Correction

Earlier, *Folio* connected Peter Wood (Secondary Education) to the presidency of the Graduate Students' Association. In fact, Wood is Member-at-Large (Graduate Faculties Council). The President of GSA for 1986-87 is Annette Richardson (History). □

FOLIO

Volume Twenty-three
Number Two

Office of Public Affairs
423 Athabasca Hall
University of Alberta
Edmonton, Alberta T6G 2E8
(403) 432-2325.

All enquiries and
correspondence should be
directed to:
Ron Thomas
Editor

Public Affairs produces *Folio*
on a regular basis for the
staff and other interested
persons.



University
of
Alberta

Deadlines:

Notices of coming events: 9 a.m. three weeks in advance of desired publication date.
Classified advertisements: 3 p.m. one week in advance of desired publication date. This date also serves as the deadline for cancellation of advertisements. Advertisements cost 30 cents per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.
Display advertisements: 3 p.m. one week in advance of desired publication date. Contact Public Affairs for sizes, rates and other particulars.

The editor reserves the right to select, edit and position submitted copy. Views expressed in *Folio* do not necessarily reflect University policy.

Folio contents may be reprinted with acknowledgment.

ISSN 0015-5764
Copyright 1986

Geographers Share Knowledge With Chinese

Leszek Kosiński headed a delegation of six Canadian university geographers to China at the end of April. A visit with their Chinese colleagues and discussion of topics of mutual interest ensued.

The two-week program included a Sino-Canadian conference on "Territorial Development and Management" in Beijing and visits to Xi'an, Nanjing and Shanghai where lectures and discussions were held at local universities and/or learned societies. Lectures and discussions centred on the Canadians' particular areas of interest, such as the practical application of geographic research.

The visit took place three years after a Chinese delegation visited Canada, the delay being attributable to the Canadian delegation having to seek funding for travel expenses. Following the

most recent visit, the two groups decided to meet every three years to continue the information exchange between the Geographical Society of China and the Canadian Association of Geographers.

Materials of the conference will be published and Dr. Kosiński will serve as one of the editors. It is expected that the publication will include articles from both Canadian and Chinese geographers.

In his capacity as a Secretary-General of the International Geographical Union, Dr. Kosiński held a series of talks with representatives of the Chinese committee for IGU and the China Association for Science and Technology. The talks pertained to a major international geographical conference scheduled for 1990 in Beijing. □



'Workmen Stand on Ceremony'

Sod-turning activities on 8 July marked the beginning of construction of the new Alberta Heritage Foundation for Medical Research (AHFMR) building at the University of Alberta. Ceremonial shovels were manned by (left to right) Lionel McLeod, President, AHFMR; John Schlosser, Chairman of the University's Board of Governors; Chancellor Tevie Miller; President Myer Horowitz; and Eric Geddes, Chairman, AHFMR Trustees. Construction began the next day and should be completed within 18 months. The AHFMR building, which is expected to cost close to \$18 million with an additional \$5 million to be allocated for developing laboratory and office space, will house AHFMR scholars undertaking clinical and some basic research. The seven-storey structure, to be built by PCL Construction, will be located adjacent to the Newton Research Building on 87 Avenue and 113 Street. Photo: Richard Siemens.

Food Science Students Win National and International Awards

Sharon Umbach (BSc 1986) was awarded the Givaudan Centennial Award at the 29th Annual Conference of the Canadian Institute of Food Science and Technology on 30 June in Calgary. Ms. Umbach placed first in an examination competition of graduating student representatives from approved Canadian food related university programs. With the 1986 presentation, University of Alberta students have taken the prestigious award twice in the last three years.

Robert (Neil) Hansen has received international recognition for his outstanding academic performance as a Food Science undergraduate with the awarding of a \$1,000 Institute of Food Technologists Scholarship for 1986-87. Hansen was the only Canadian Food Science student to be successful in the 1986-87 competition and is the first ever University of Alberta student to be so recognized. He is entering the fourth year of the BSc Food Science program. □

Engineering Team's Environment Suit Wins Special Prize

An environment suit, designed by five students in Engineering, won the Special (Optional) Award for Technical Excellence in Entrepreneurial Design in the National Canadian Engineering Competition held recently at McGill.

This award is given to an entry (that may or may not have won a prize) that is judged the best technical design in the category—although the current cost of putting it on the market makes it at present not a feasible commercial proposition.

Student teams from our University did well altogether, our seven entries taking four of the 13 prizes awarded. There are four categories in the competition: entrepreneurial design, corporate design (third prize, U of A), laboratory communications (first and third prizes, U of A), editorial communications, and the optional award (U of A). The total of 34 entries came to the national competition as first, or second place, or special award winners in four regional competitions.

The award-winning Micro-E Suit, the brainchild of four students

from mechanical engineering and an electrical engineer, contains a built-in power backpack capable of generating warmth or coolth. This enables the wearer to control his personal environment when working outdoors in harsh conditions, particularly in Arctic weather.

"It's not just a question of comfort," says Doug Dale

(Mechanical Engineering) who supervised the students' work for a grade in a couple of design courses. "These are practical, economic concerns. If the worker is uncomfortable, productivity suffers—and so does the quality of the work. C-FER (Centre for Frontier Engineering Research), for instance, were particularly interested in the suit because the

problem of controlling workers' environment is important to them."

The 1987 national competition, Canadian Engineering Competition/Compétition Canadienne d'Ingénierie, will be held at our University, 20 to 22 March, under the chairmanship of Mark Wyllie (Mining Engineering). □

Representatives of Various Disciplines to Discuss 'Effects of Feminist Approaches on Research Methodologies'

The conference "The Effects of Feminist Approaches on Research Methodologies" has been scheduled for 22 to 24 January 1987 at the University of Calgary.

The sponsor is the Calgary Institute for the Humanities; the registration fee is \$25.

The effects of feminist approaches on the selection, interpretation and communication of research data will be discussed from the points of view of 16 university disciplines. Presenters include Thelma McCormack

(keynote speaker), Sociology, Mount Saint Vincent; Helen Levine, Social Work, Carleton; Lynne Smith, Law, University of British Columbia; Micheline Dumont, History, Université de Sherbrooke; Rosemary Nielsen (co-author with Ted Blodgett), Classics, University of Alberta; Penny Coddling, Chemistry, University of Calgary; Margaret Benston, Computer Science, Simon Fraser; Joan McFarland (co-author with Kathleen Driscoll), Economics, Saint Thomas University; Naomi

Black, Political Science, York University; Margaret Hannah, Archaeology, the Saskatchewan Museum of Natural History; Karla Poewe, Anthropology, University of Lethbridge; Jeanne Lapointe, Comparative Literature, Université Laval; Pamela McCallum, English, University of Calgary; Hilary Lips, Psychology, University of Winnipeg; Marsha Hanen, Philosophy, University of Calgary; and Anne Flynn, Physical Education, University of Calgary. □

Taiichi Nihei, 1927 - 1986

Taiichi Nihei died on 8 June 1986 after a prolonged illness. Dr. Nihei was born on 3 June 1927 in Aizu-wakamatu, Japan. He received his BSc from Hokkaido University and proceeded to a PhD in Biochemistry from the University of Tokyo in 1958. Before his migration to the United States, he had worked at the Universities of Tokyo and Hokkaido as Instructor

of Applied Microbiology and Catalysis. He came to the U.S. as Research Associate at Dartmouth Medical School and as Visiting Associate at the National Institutes of Health, Bethesda. He joined the University of Alberta in Calgary as Assistant Professor, Department of Chemistry, in 1963. He moved to Edmonton in 1964, accepting a joint appointment in the Departments of

Medicine and Biochemistry. At this time, he obtained a Research Fellowship from the Muscular Dystrophy Association of Canada. He was promoted to the rank of Full Professor in 1974 in the Department of Medicine.

Dr. Nihei's scientific life was essentially devoted to the investigation of the biochemistry of muscle contraction and the abnormalities of muscle cell biology in muscular dystrophy in animals and man. High on the list of his many achievements is the fact that he was the first investigator to describe the abnormalities of ribosomal function in muscular dystrophy as a step toward the determination of the genetical defect in this disorder. This work formed the basis for a test to detect carriers of the

abnormal gene which is still in use in some centres. In his later years apart from continuing his studies in muscle disease, he was involved in attempts to find a suitable biochemical marker to detect those patients who ultimately would develop Huntington's chorea. Dr. Nihei was a shy, kindly and extremely helpful supervisor for a number of graduate students who remember him with affection. His readiness to assist other investigators with biochemical problems was very well recognized and greatly appreciated.

Dr. Nihei's warm and self-effacing presence will be greatly missed by his colleagues within the Department of Medicine and particularly in the Division of Neurology. □

AUPE Makes Major Contribution to Grant Notley Memorial Fund

The Grant Notley Memorial Fund at the University of Alberta has received \$46,000 from the Alberta Union of Provincial Employees (AUPE). The sum, which was raised from within 23 different AUPE locals, was presented to Hal Spelliscy, Director of the Fund Development Office, by AUPE President John Booth.

The purpose of the fund is to provide for long-term recognition of Notley's contributions through establishment of an endowed position not covered by existing University of Alberta funding. The "Notley Scholar" will be selected through national academic competition.

Teaching and research are to be non-partisan, relating to the

political history of Alberta as interpreted through a possible range of disciplines, including history, economics, education, sociology and political science.

Notley, a University of Alberta graduate, led the Alberta New Democratic Party from 1968 until his death in a plane crash in October 1984.

The Grant Notley Memorial Fund now stands at \$118,000. The AUPE donation will be matched on a two-for-one basis through the new program announced by Alberta Advanced Education to encourage private support for post-secondary education.

The campaign continues until year's end. □

Letters

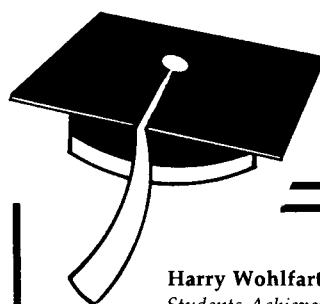
Housing and Food Services' Contribution to Convocation

■ A recent edition of *Folio* included an article on this summer's convocation and the efforts of various staff towards the success of the ceremonies. I would like to remind you that a number of departments are involved in convocation. Housing and Food Services, as an example, coordinates a noon hour luncheon for members of the Senate and a reception for 2,000 people each day during convocation week. Our Conference Division also accommodates guests in our guest housing operations. Forty-five staff from our department are involved in menu development, special arrangements, set-ups, making food and beverages, serving, delivery and supervision. For this year's convocation, we produced: 250 gallons of punch, 300 gallons of coffee, 100 gallons of tea, 750 dozen fancy cakes, 100 dozen rum balls, 750 dozen sandwiches.

All of the beverages, fancy cakes, pastries and sandwiches are made in Lister Hall by our own personnel - University homemade!

David Bruch

Housing and Food Services



Activities

Harry Wohlfarth's book *Color and Light Effects on Students Achievement, Behaviour and Physiology* has been published by Alberta Education. It is the result of four

years of research and a \$500,000 budget carried out under contract with the Minister of Education . . . At a recent meeting of the Canadian Urban Transit Association, **Clifton Young** (Marketing and Economic Analysis) spoke on "A Marketing Plan for Edmonton Transit - 1986" or Preparing Edmonton Transit to meet the challenge of change through marketing, planning and creative marketing research. There was a spin-off—Dr. Young was asked to write a paper on "Creative Marketing in the 1980s and Creative Marketing Plans for Transit Organizations" . . . The Canadian Society for Mechanical Engineering has bestowed the 1986 Robert W. Angus Medal on **Fernand Ellyin**. The award, made annually, pertains to the best paper on a mechanical engineering subject . . . **Don Bellow** is a 1986 recipient of honorary life membership in the Association of Professional Engineers, Geologists and Geophysicists of Alberta . . . **Daryl Gilday** (BSc Forestry, 1986) placed third in the 1985 Wajax Fire Control Technical Report competition . . . In May, **Myer Horowitz** attended the annual meeting of the Corporate-Higher Education Forum in Montreal; in June he attended the AUCC board meeting. From 25 June to 3 July, he and Associate Vice-President **Brian Evans** visited a number of universities in the Chinese cities of Xi'An, Harbin and Beijing. While in China Dr. Horowitz signed, on behalf of our University, Agreements with the Northeast Forestry University (in Harbin), the Harbin Medical College, and the Beijing Institute of Aeronautics and Astronautics . . . **Lee J. White** (Chairman, Computing Science) was elected Chairman of the Executive Committee of the Computer Science Chairmen of Canada for the 1986-87 academic year . . . Author and writer Hans Dommasch has selected the photographic work of **Pat Rafferty** (Elementary Education) to be included in *Prairie Giants*, a documentary story of how grain elevators came to play a role in the development of the West.

New Uniforms, Vehicles for Campus Security

Campus Security's old uniforms are going to be busted. They won't have a leg to stand on either because they are nine years old and are not unlike other University departmental dress. When staff put on the new uniforms for the first time on 1 August, there will be better and immediate identification of Campus Security Patrol personnel, says Director Doug Langevin.

The new uniform will feature dark brown slacks with a gold stripe on the outside of the leg, white shirt and dark brown cap, also with a gold stripe. Black boots and a black belt to which patrol equipment can be attached complete the outfit. A dark brown nylon jacket with a removable lining and fur collar will be worn in cold weather. A muskrat fur hat will be worn when temperatures drop below -9 degrees Celsius.

Langevin says additional identification will include a newly designed shoulder flash which will be worn on all exterior garments and a name badge on the left breast pocket. The shoulder flash, designed by Jack Smith of Printing Services, features a full color University crest which has been approved by the Visual Identity Committee as the only full color crest allowed on University uniforms.

Through the contract with a local supplier each of the 33 people on staff will be issued a cap, jacket, five shirts, two pairs of slacks, one pair of boots and one belt.

Also on 1 August, Campus Security will introduce two new patrol vehicles, namely 1986 GMC Jimmys. They will be identified by the new University vehicle color, the University crest and Campus Security decals on each door. □

Chembiomed Moving to Edmonton Research and Development Park

Chembiomed Ltd. has acquired a 6.1 acre site in the Edmonton Research and Development Park for a new biotechnology research and production facility. Construction on the new 63,000 square foot building is under way and the new facility will be ready for occupancy in late 1987. The current staff of 50 will relocate and there is a strong possibility that an

additional 25 people will be hired.

Chembiomed Ltd. is an Edmonton-based biotechnology company established in 1977 to commercialize the research of Raymond Lemieux (Chemistry) and his associates at the University. It is wholly owned by the University and financially supported by the Alberta government.

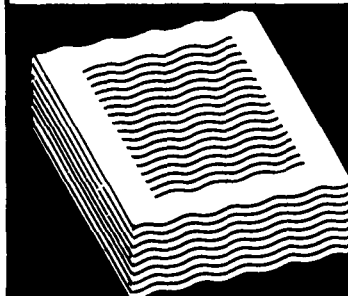
The company has developed the technology to chemically produce biologically active carbohydrates which can be used to purify blood fractions and lessen the rejection rate of human organ transplants. Chembiomed was the first company in the world to manufacture blood typing reagents using cloned cells. Its products are sold world-wide, and the company now ranks among the top 10 in total product sales per employee among the more than 300 biotechnology companies started in North America in the past decade. Sales for the current year are expected to approach \$2.5 million.

Chembiomed is expanding its research efforts to develop new products for the purification of blood fractions, cancer diagnostics and therapeutics, and the diagnosis and treatment of autoimmune disorders, blood disorders and infectious diseases. □

The Next Decade and Beyond: A Plan for the Future

If you have not yet received a copy of this major discussion paper, please telephone or write to the Office of Public Affairs, 423 Athabasca Hall, Edmonton, Alberta T6G 2E8 (tel. 432-2325)

Currents



Conference Fund Committee

The Conference Fund of the University may provide modest financial support for conferences, conventions and symposia of an academic nature (as distinct from visiting lectureships) held in the province and sponsored or hosted by the University or its students or student organizations. The Fund is administered by a Conference Funds Committee of General Faculties Council and is the only fund in the University for this purpose. All applications for grants should be submitted to the Chairman of the Committee. Special application forms are available, along with related information sheets. The Chairman is Ms. B.J. Busch, University Library, 2-102A Rutherford North. Telephone: 432-3794.

Public Seminar on Immigration

Student Legal Services will conduct a free public seminar on immigration on 31 July (7 to 9 p.m.). The seminar, to be held in 237 Law Centre, will consider such topics as "getting into Canada," "recent changes in the law," "immigration appeal methods" and "services available for newcomers." For free reservations, telephone Student Legal Services, 432-2226.

Surplus Sales Auction

A surplus sales public auction will be held on 20 August at 6 p.m. The deadline for declaring equipment for the auction is 6 August. Watch for posters giving more details.

Overhead Projectors

Overhead projectors for use in centrally scheduled classrooms in Fall 1986 (first and second terms) should be booked through Audio-Visual Services by 29 August (for use on 4 September) and by 15 December (for use on 5 January).

Supervisor Derek Patten says the lead time is necessary to make sure the overheads are in place for the beginning of lectures. Water soluble pens are to be used at all times. (Patten warns that permanent ink pens look alike and are not to be used.) Although the overhead projectors are checked every evening, Patten asks that users report any problems as soon as possible to help ensure that the machines are ready for use at the next lecture. The Audio-Visual Services telephone numbers are 432-3923 and 432-2183.

Double Duty at St. Luke's

St. Luke's Anglican Church requires a musician to play the organ and lead a "small but enthusiastic" choir at Sunday services. Telephone Rector H. Shell, 466-2061, for further details and salary.

Folio

Display Advertising

Folio is the official news publication of the University of Alberta, published every Thursday throughout the year (except for July and August when it appears bi-weekly). It has a regular distribution of 9,000 of which 7,800 copies are circulated to teaching and support staff, to graduate students and to other interested people on campus. The remaining copies are sent to provincial and municipal government personnel, news outlets, and businesses and people off-campus.

Sizes and rates

The basic unit size is 27 agate lines x 23 picas (3 7/8" x 2"). The full page is divided into 10 such units, any combination of which is available at a cost of \$35 per unit (minimum 1 unit). Half page cost: \$175. One column cost \$87.50. There is a 15% discount for University departments. A 10% discount is offered for five or more consecutive insertions.

Other specifications

Half-tones (100-line screen or less) are acceptable; no color or bleeds. Camera-ready copy is necessary; there is a charge of 30c per word for typesetting, and \$7.50 for adjustment of design work.

Deadlines

Deadline for submission is 3 p.m. one week in advance of desired publication date. Acceptance of advertisements and positioning are at the discretion of the Editor. For more information, telephone (403) 432-2325 and ask about *Folio* display advertising, or write to: *Folio* Display Advertising Office of Public Affairs 423 Athabasca Hall University of Alberta Edmonton, Alberta T6G 2E8

Archives' Accessions Include Photographic Copies of Historic Blueprints Produced by Nobbs and Hyde

The following new accessions have been received by the University Archives to June 1986. Archives staff wish to express their gratitude to the donors for making these valuable materials available to researchers.

- Bohdan Hoshowsky of Toronto has donated the papers of Julian Vassyian to the Canadian Institute of Ukrainian Studies for deposit in the Archives. The papers are open to every scholar of Ukrainian, social and political history.
- Betty Schwob has donated the letters her father, Harry Wilson (Arts '14) wrote to his family while he was on active service in Europe from 1914 to 1918.
- The Archives has completed an inventory of the papers of Eric Hanson, with the assistance of a PEP employee. The inventory is being edited for publication in the Archives' *Guides* series.
- The photograph albums of Clarence A. Lavery depict his career as a Dominion Lands Surveyor in the Northwest Territories in the mid-1920s. Mr. Lavery has also provided a narrative, in manuscript, of his activities in the North. One-quarter of the prints have been selected to be copied for the Archives' reference file.
- Anna Champion has sent the Archives her reminiscences on audiotape of L.R. Champion's work in the development of the

Athabasca Oil Sands at Fort McMurray.

- Through the interest of Francis Sitwell, Department of Geography, and the cooperation of the McGill University Archives, the Archives has been able to purchase photographic copies of the blueprints of the architects Nobbs and Hyde which pertain to this University. The Montreal firm was responsible for the design of the Arts Building and Pembina Hall,

1913-14, and the Medical Building (Dentistry-Pharmacy Centre), 1921 to 1925. An inventory of the 244 negatives is being prepared.

- B.Y. Card has deposited his research files on educational and rural sociology. The files provide information on small communities in Alberta, native studies, education questions and comparative studies in High Plains area sociology. Detailed inventories are available in the Archives. □

Oil's Well at Summer Institute for Petroleum Industry Development

The Alberta Summer Institute for Petroleum Industry Development (ASIPID) continues to provide international oil and gas professionals with exposure to Canada's oil and gas technology. The program—the fourth annual—started on 2 June and ends on 1 August. It is administered by the International Briefing Centre, which operates under Associate Vice-President (International Affairs) Brian Evans.

This year there are 40 participants (six are women) from 17 countries, with the two largest contingents coming from the

People's Republic of China and Bangladesh. Engineers, geologists, and administrators choose one six-week option that focuses on their particular area of interest.

When participants are not visiting a local gas field, or learning about the interpretation of seismic data, they will probably be involved in one of the wide variety of social and cultural activities arranged by ASIPID staff. □

New look to the Coaching Ranks

The Department of Athletics has announced a quartet of coaching appointments. Suzie Smith will coach the Panda Volleyball squad. A former member of both the Canadian Junior and Senior National Volleyball teams, she also played the sport at the Universities of Calgary and Winnipeg. Smith has completed a BEd degree and holds a Level II Technical and Level III Theory in the National Coaching Certification Program.

The new head coach of the Golden Bear Volleyball team is Pierre Baudin. A graduate of our University, Baudin has coached volleyball at the high school college and university level since 1975. He is currently enrolled as a PhD student in the Department of Physical Education and Sport Studies.

Panda hoopsters will be led by

Diane Hilko, former head coach and assistant women's athletics coordinator at the University of Ottawa. In an earlier life, she was a student (BPE, BEd) and basketball player at Brock University.

Hilko will also be involved in carrying out many of the duties of the Sports Information Office.

Although retired from intercollegiate gymnastics at the University, Heidi Ross will stay where the action is as Panda Gymnastics head coach for the 1986-87 season. Ross, who has completed her BPE degree, won All-Canadian honours from 1982 to 1986. She was also a two-time national champion in the balance beam.

She replaces Sandy O'Brien who will take a one-year leave of absence. □

1 August, 8:30 to 11:30 a.m. Western Canada Weed Tour, University of Alberta 'stop'. Ellerslie Research Station.
19 August, 6:30 to 8:30 p.m. Twilight Field Day for Bedding Plant Growers. Annual flower trials on display at Edmonton Research Station.

The Arts Ring House Gallery

Until 31 August. "Leslie Poole—Drawings."

Bruce Peel Special Collections Library

Until 31 July. "Publishers' Bookbindings in Cloth: Some Pictorial and Geometric Designs." Open Monday to Friday, 8:30 a.m. to 4:30 p.m. B-7 Rutherford South.

Edmonton Film Society

28 July, 8 p.m. The Hollywood Musical, double bill, "The Affairs of Dobie Gillis" (1953) and "Every Night at Eight" (1953). TL-11 Tory Lecture Theatre.
5 August, 8 p.m. "The Jolson Story" (1949). TL-11 Tory Lecture Theatre.

Broadcasts

Radio

CJSR-FM 88.5, Campus Radio. Eclectic programming, including folk, jazz, new music, rock and U of A news and sports coverage. See *Airtight* magazine for full programming details. Send public service announcements to 224 SUB, 432-5244.

Positions

The University of Alberta is committed to the principle of equal opportunity in employ and encourages applications from all qualified people.

In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Alberta Department of Forestry, Professorship in Forest Management

The University of Alberta is seeking an experienced senior forester for the Forestry Program to add depth to studies in applied forest management, including operations and silviculture.

The position will be a full-time appointment at an appropriate level in the professorial ranks of the Faculty of Agriculture and Forestry. Duties will include teaching at senior and graduate levels in forest management applications, extensive liaison with the forestry sector to better determine sector needs in education and research, extensive contacts with students and staff at the University to convey a better understanding of opportunities and needs within the forestry sector, and conducting research or studies to improve the application of forest management principles within Alberta.

This a term position supported by the Alberta Department of Forestry for a duration of five years. It may be filled by one individual for the full term or by two or more candidates for terms of one to two years or more in length totalling five years. This opportunity should appeal to senior managers who would like an opportunity to share knowledge and experience as a capstone to a career, or to those in mid-career positions who may be seeking a shorter sabbatical-type experience to work in an academic environment. Applicants should have a proven record in applied management of forestry enterprises, an interest in research or problem analysis, effective communication skills, and a degree in forestry. Salary is negotiable,

Talks

Philosophy

24 July, 3 p.m. Paul Woodruff, University of Texas, "Was Aenesidemus a Skeptic?" 4-29 Humanities Centre.

Chemistry

25 July, 11 a.m. George A. Olah, Loker Hydrocarbon Research Institute, University of Southern California, Los Angeles, "Methane Conversion Chemistry: An Alternative to Syngas Based C₁ Chemistry." E3-25 Chemistry Centre.

Physics

31 July, 3:30 p.m. A.R. Bishop, Los Alamos National Laboratory, "Space-Time Complexity in Classical and Quantum Systems." P631 Physics Building.

Plant Science, 1986 Field Days

30 July, 12:30 to 4:30 p.m. Wheat Research Field Day. Spring and winter wheat; breeding, varieties and integrated crop management. Edmonton Research Station, 116 Street and 68 Avenue.

31 July, 1 to 4 p.m. Integrated Crop Management Field Day. Neepawa and Oslo spring wheat varieties at multiple management levels in field scale plots. Fuhr Farms, Highway 16, west of Spruce Grove.

commensurate with experience: salaries at the associate professor level are \$39,620 to \$57,236 per year, and the full professor range starts at \$50,630.

The Forestry Program is integrated within the Faculty of Agriculture and Forestry and draws on the greater University resources. The undergraduate program leads to a BSc in Forestry, and graduate studies at both MSc and PhD levels are offered. The University of Alberta is the third largest university in Canada, comprising some 24,000 students and an academic staff of more than 1,500. It provides a dynamic and diverse environment in which to work.

Closing date for applications is 15 October 1986.

Please direct enquiries or send requests for further details to: Peter J. Murphy, Associate Dean (Forestry), Faculty of Agriculture and Forestry, University of Alberta, Edmonton, Alberta T6G 2P5. Telephone (403) 432-4931.

Director, University Placement Office

Reporting to the Dean of Student Services, the Director of the University Placement Office is accountable for the design, control and coordination of placement services and programs for both undergraduate and graduate students; for the promotion and marketing of University programs and their graduates with employers at a local, national and international level; for initiating and conducting research in order to provide the University community with information and findings concerning the job/career placement of its graduates; and for the creation and maintenance of a University Career Advisory Service. Applicants should possess:

- A graduate degree from a recognized university;
- Proven office management ability;
- A knowledge of and experience in the career advising and placement services fields;
- Outstanding public relations and communications skills.

The initial appointment will be for a period of five years, with the possibility of renewal. The salary will be in the \$35,000 to \$45,000 range depending upon qualifications and experience.

Applicants should submit a personal résumé and covering letter by 30 July 1986 to: Dean of Student Services, 300 Athabasca Hall, University of Alberta, Edmonton, Alberta T6G 2E8.

Non-Academic

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. These vacancies cannot be guaranteed beyond the date of publication.

- Clerk Typist II, Romance Languages, (\$1,190-\$1,478)
- Clerk Typist II, Occupational Therapy, (\$1,190-\$1,478)
- Clerk Steno II (Term to 30 April 1987), Recreation and Leisure Studies, (\$1,190-\$1,478)
- Clerk Typist II (Trust), Institute of Law and Reform, (\$1,190-\$1,478)
- Clerk Typist II (Part-time), Medical Lab Science, (\$833-\$1,035)
- Clerk Steno III, Faculty of Business, (\$1,326-\$1,666)
- Clerk Steno III, Secondary Education, (\$1,326-\$1,666)
- Clerk Steno III, Physics, (\$1,326-\$1,666)
- Clerk Steno III, Canadian Institute of Ukrainian Studies, (\$1,326-\$1,666)
- Clerk Steno III, International Briefing Centre, (\$1,326-\$1,666)

- Clerk Typist III (Trust), Dean of Dentistry, (\$1,326-\$1,666)
- Clerk Typist III (Temporary-to November 1986), Field Services, (\$1,326-\$1,666)
- Clerk Typist III, Physical Education and Sport Studies, (\$1,326-\$1,666)
- Clerk Typist III, Office of the Registrar, (\$1,326-\$1,666)
- Clerk Typist III, Office of the Dean of Student Services, (\$1,326-\$1,666)
- Secretary, Medical Lab Science, (\$1,478-\$1,888)
- Secretary, Equity Office Special Assistant to the President, (\$1,478-\$1,888)
- Secretary (Trust), Faculty of Medicine, (\$1,478-\$1,888)
- Secretary (Trust), Institute of Law Research and Reform, (\$1,478-\$1,888)
- Secretary (Trust), Pharmacology, (\$1,478-\$1,888)
- Secretary, Faculty of Business, (\$1,478-\$1,888)
- Secretary, Statistics and Applied Probability, (\$1,478-\$1,888)
- Administrative Clerk (To 31 March 1987), Office of Research Services, (\$1,478-\$1,888)
- Medical Steno, Medicine, (\$1,478-\$1,888)
- Departmental/Executive Secretary, Pediatrics, (\$1,666-\$2,144)
- Technician I (Part-Time, Trust), Psychiatry, (\$767-\$984)
- Photographer I/II (Term), Instructional Technology Centre, (\$1,190-\$1,478)
- Biochemistry Technician II/Technologist I (Trust), Biochemistry, (\$1,739-\$2,437)
- Art Technician Demonstrator I, Art and Design, (\$1,810-\$2,337)
- Programmer Analyst I, Graduate Studies and Research, (\$1,888-\$2,437)
- Programmer Analyst I, Physical Plant, (\$1,888-\$2,437)
- Technologist I (Trust), Zoology, (\$1,888-\$2,437)
- Electronics Technician III, Electrical Engineering, (\$2,053-\$2,661)

For vacant Library positions, please contact the Library Personnel Office, Basement, Cameron Library, 432-3339.

Advertisements

Accommodations available

- Sale - Immaculate, charming bungalow close to University. Garage, deck, \$59,900. Jiri, 459-7829, 483-1255, Johnston's.
- Sale - Lendrum gem. Three-bedroom bungalow. Upgraded, oak kitchen, fireplace, developed basement. \$88,900. Call Joyce Byrne, 435-6064, 436-5250. Spencer's.
- Sale - Windsor Park. New exclusive listing. 50x150, south yard. Hardwood floor, woodburning fireplace. Charming exterior invites redecoration, some renovation. Ask for Pat von Borstel, 436-5250, Spencer's, 437-6540.
- Exchange - For one year, starting August or September, furnished luxury two-bedroom condo for quality accommodations in any Vancouver area. Phone (403) 482-3330 or 967-3034 weekends.
- For sale - 1,500 sq. ft. "California" bungalow in Brookside. Features family room with fireplace, four-piece ensuite, mother-in-law suite and superb landscaping. Price \$119,900, Robert Kully, LePage. 437-7480, 437-5364.
- Rent - 108 Street and University Avenue, one-bedroom suite. Clean, quiet. \$450. 433-6024.
- Sale - Parkallen. New listing. Renovated, upgraded, four bedrooms. Patio doors off dining room, cedar deck. Suite down. \$85,000. Call Joyce Byrne, 435-6064, 436-5250. Spencer exclusive.
- Sale - Quiet and private, beautiful treed acreage in Whispering Pines, west of Edmonton. Over 1,800 sq. ft., four bedrooms, two storeys, only \$107,500. Bob Morrison, 962-4950. Royal LePage Real Estate.
- Sale - Windsor Park, three bedrooms, fully developed basement, two baths, hardwood floors, carpeting, large fenced yard, double garage with openers, gas barbecue, covered patio. 432-7745 daytime or 7:30-9:30 p.m.
- Sale - Garneau, by owner, 1,689', four bedrooms. Two bathrooms, hardwood floors, sun room, double garage, \$117,500. Phone 432-7991.
- For Sale - House, by owner. Saskatchewan Drive. Four bedrooms, den, three bathrooms. Fully developed downstairs. Two fireplaces. Double garage. Large fenced lot with mature trees. Call Doug at 438-4500.
- Rent - Fall to spring, completely furnished executive Valleyview home. Substantial damage deposit. Reasonable rent. 483-6300.
- Sale - Attractive, large 4-bedroom cottage on Slave Lake (Marten Beach). Excellent location. Ideal for sailing and wind surfing. \$28,000, 435-6141, 1-369-3770 (Slave Lake).
- Rent - Groat Estates, executive 3-bedroom home. 1 August. \$1,300/month. 420-0701.
- Sale - New listing, jewel in Parkallen. Sparkling one-owner bungalow, mint condition, upgraded kitchen, formal dining room, double garage, \$83,900. Call Joyce Byrne, 435-6064, 436-5250, Spencer's.
- Sale - Won't last. Parkallen. Quiet tree-lined street. Four bedrooms, semi, eat in kitchen, deck. Four appliances, \$55,500. Call Joyce Byrne, 435-6064, 436-5250. Spencer's.
- For Sale - by owner. Lansdowne, well-built, 2,500', five bedrooms, finished basement, two fireplaces. Balcony, outdoor barbeque, fireplace. Professionally landscaped. Quiet neighborhood, close to school, daycare. 435-6518.
- For rent - Three-room apartments, own entrance, three blocks from University, \$380 monthly. Older person preferred. 433-4870.
- Sale - Windsor Park, ideal University location, spacious, immaculate, well-maintained bungalow, large beautifully landscaped lot, mature trees, priced for quick sale. Sheila Labelle, 432-1378, 430-6303. Bennett Realty.
- Rent - Duggan, three-bedroom bungalow, double garage, developed basement. Appliances included, excellent bus service, public and separate schools nearby. Non-smokers, no pets. 1 September, \$700/month, 435-8175 after 5 p.m.
- Sale - Parkallen. Three-bedroom semi-bungalow, 2 1/2 baths. Basement development, single garage, mature landscaping, recently updated. \$92,000. 436-4870.
- Sale - Owner, immediate possession. Belgravia, semi-bungalow, three-bedroom, two-bath basement apartment. Great location, good condition, \$87,500. 437-5782.
- Share - Comfortable home for mature student/professional, non-smoker. Convenient for University. Reasonable rent, available early September-April. 432-2733 (days), 455-0620 (evenings).
- For rent - Offices of various sizes in professional single-storey building, near University of Alberta. Full services, furniture, ample free parking available. 438-1978, 436-4622.
- Sale - Windsor Park. 1,548' bungalow, immaculate. Attractive dinette off kitchen opens to cedar deck. Two fireplaces, two garages. Lot 75'x150'. Great University location, Chris Tenove, 433-5664, 436-5250, Spencer's.

Sale - Windsor Park. Cozy home nestled amongst trees. Hardwood floors. Well maintained. Call Chris Tenove, 433-5664, 436-5250, Spencer's.

Sale - Grandview. Open beam custom-built. Attractive interior, must view. Quiet location. Large lot. Chris Tenove, 433-5664, 436-5250, Spencer's.

Sale - City, one-acre lots, \$39,750 up. Some ravine. Dream home location. Chris Tenove, 433-5664, 436-5250, Spencer's.

Must sell - Riverbend. Asking only \$129,900. Owner transferred. Attractive four-bedroom home. Large lot. Good quiet location. Chris Tenove, 433-5664, 436-5250, Spencer's.

Sale - Land, 160 acres, only \$25,900. Offers. Close to lake. Chris Tenove, 433-5664, 436-5250, Spencer's.

Sale - Lakefront, Wabamun, north shore. Enjoy the 100' private beach, winterized cottage. Chris Tenove, 433-5664, 436-5250, Spencer's.

Sale - Saskatchewan Drive, new listing. Panoramic valley view, south backyard. Architecturally designed addition enhances handsome 2,600'. Two storey. Ask for Pat von Borstel, 436-5250, Spencer's, 437-6540.

Sale - Grandview, super crescent location. Terrific all new kitchen. Main floor family room opens to private backyard. Four bedrooms. No sign. Ask for Pat von Borstel, 436-5250, Spencer's, 437-6540.

Rent - Three-bedroom fully furnished house on Saskatchewan Drive. Walking distance from University. Available for the academic year 1986-87. For information, call 432-7640.

Rent - Well-kept furnished bungalow. University area. Six appliances. 466-0826, 429-1886.

Accommodations wanted

Furnished accommodation required for distinguished University visitor and wife close to University for three months from mid-August to mid-November 1986. Call 432-4489. Doctoral student, wife and family (three kids and beloved labrador) seek reasonable rental property. Dependable, responsible,

TRAVEL CUTS CORPORATE SERVICES

TRAVEL CUTS is fully appointed to make reservations for airlines, car rentals, hotels and tours — both international and domestic. We are fully computerized and our staff is knowledgeable about all aspects of travel. We offer you — a separate office with full-time staff working only on faculty travel — convenient on-campus location — a company with 15 years in the travel industry — support of 14 Canadian offices and one in London, England.

Canadian Universities Travel Service Ltd
Main Floor. SUB 432-2756

non-smokers. Excellent references.
Phone 437-3774.

Automobiles and others

1984 Nissan Micra hatchback 1200cc.
42,000km. AM, FM. Well maintained,
\$5,500 or best offer. Ext. 2824 or
439-6808.

Goods for sale

Save \$100 (regular price \$635) on new,
computer interfaceable, triple pitch,
automatic correction Royal electronic
typewriter. Used typewriters,
including IBM Selectric II's. Open
evenings, Saturdays. Mark 9, HUB
Mall, 432-7936.

Books bought and sold - The Edmonton
Book Store in HUB Mall will pay cash
for book collections and individual,
rare items. Appraisals available. Open
seven days a week. 433-1781.

"Vancouver" for sale - one ticket,
Edmonton-Vancouver return. 25
August, 12 noon, 7 September, 12:30
p.m. Regular price \$172.20. Asking
only \$139. 6201-6206 days, 437-3174
evenings.

Services

Ecole Grandin offers Catholic education
and strong French immersion program
with academic emphasis in downtown
area. Also: pre- and after-school care,
French immersion pre-kindergarten
close to University. 482-3676.

Donnic Word Processing. Specializing in
theses, manuscripts, etc. 8315A 105 St.
432-1419.

Backaches? Stress tension? Special
therapy at Back-Basics (supplementary
health care reimburses treatment
costs). Maria Krieg is a spine specialist,
university-trained in Düsseldorf.
11610 75 Avenue. 436-8059.

Professional typist - Word processing.
Specializing in theses and
dissertations. Gwen, 467-9064.

Professional typing, \$1.10/page. Phone
435-3398.

E.T. Seamstress & Tailors. 11904 127 Ave.
General alterations specialist. Phone
451-0087. (We have the technology).

Hauling. Light moving, vehicles,
rubbish, 18' trailer. Very good rates.
439-7388, Doug.

Hospital and Community Daycare
Association is accepting registrations
for summer and fall 1986. Location:
On campus near hospital. For
information: 433-9663.

Word processing service open 64
hours/week. Quality and speed.
Photocopies from 8 cents. Volume
discounts. Mark 9, HUB Mall,
432-7936.

Rent correcting electronic typewriters:
day (\$15), weekend (\$20), week (\$35),
month (\$65) or longer (\$50/month) or
\$2/hour in our office. Mark 9, HUB
Mall, 432-7936.

Require daytime nanny for
four-month-old baby. 4-5 days per
week. Light housekeeping. Strathearn.

Close to bus. Non-smoker preferred.
468-3219.

Wanted - supervisor, housekeeper, west
end, 12-5, Mon.-Fri., cooking, teen
supervisor, salary negotiable, \$5/hr.
Reply in writing, Room 9218
Aberhart, Edmonton, T6H 2J3.
Mature cat needs home.
432-5174/435-8251.

First Presbyterian Church, 10025 105
Street, Edmonton, T5J 1C8. Organist
and music director required
commencing in the fall of 1986. For
details, call 422-2937 and forward
résumé to the above address.
3 August, 8 p.m. Thai Ballet
performance, Citadel Theatre,
\$12/ticket, 463-8055; or at BASS.

Rely on us for FACULTY TRAVEL

Whatever your destination, rely on us
for complete, professional service.

INTRA Edmonton Travel has been
handling faculty and vacation travel
since 1977. Our professional Interna-
tional and Domestic Travel
Counsellors are ready to assist you
with every detail of individual or
group plans from our convenient
locations.

Computer links with a network of 195
INTRA offices across Canada and
London, England assure you

of receiving the most up-to-date in-
formation on special tour packages.
Talk to the knowledgeable travel
counsellor assigned to you any time
you need assistance. Our special
Faculty Phone Line and Toll Free
Emergency Hotline are provided for
your convenience. Free ticket
delivery is just one more INTRA
service that makes travel plan-
ning easier.

Ask about our exclusive INTRA-
GUARANTEE. It's your assurance
that your travel dollars will be
protected.



INTRA Independent Travel
Retailers Associated

EDMONTON TRAVEL

- Hub Mall
9006 - 112 St. 433-2494
- Standard Life Centre
10405 Jasper Ave. 426-38

Dr. Catherine Fletcher
*is pleased to announce the
association of*

Dr. James Trofimuk
*in the practice of dentistry at
the Garneau Professional Centre,
11044 82 Avenue*

Parking available
new patients welcome
phone 439-2266

McGuire & Hiller

Barristers, Solicitors & Notaries Public

307 CAMPUS TOWER
8625 - 112 STREET
EDMONTON, ALBERTA
T6G 1K8

BUS. 439-3939

University of Alberta Fitness Unit

Fitness Testing
Nutrition Appraisals
Exercise Prescriptions
Supervised Exercise Program
Be Fit for Life Fit Checks

432-4435

W1-55, Van Vliet Centre

Inquire About Fee Remission Forms

**MCLEOD
YOUNG
WEIR**

ADVANCE NOTICE FOR U.S. STOCK INVESTORS

"10 Uncommon Values in U.S. Common Stocks"

The 38th Annual edition of "10 Uncommon Values" will be announced on June 30th, 1986 after the markets close

Over the last 37 years our associates Shearson Lehman Brothers Inc (an American Express Company), have presented a portfolio recommended as attractive investments for the ensuing 12 months. Since its inception on June 30, 1949, our documented record shows excellent long term performance. Here are some highlights of the performance record:

- \$10,000 invested in the initial 10 stocks in 1949, conforming to the subsequent annual selections, would be worth approximately \$2.23 million on June 6, 1986.
- This represents capital gains of about 22,156% or annual compound growth of approximately 15.7% for 37 years.
- \$10,000 invested in the S&P 500 Index over the same period would be worth approximately \$173,544, a capital gain of approximately 1,635% or annual compound growth of about 8.0%.
- Since 1949, the "10 Uncommon Values" portfolio has outperformed the market (S&P 500 Index) 27 out of 37 years and 15 of those years by a margin of 2.1.
- 1985-1986 Portfolio is up 25.3%



CALL YOUR LOCAL MCLEOD YOUNG WEIR BRANCH FOR UP-TO-DATE INFORMATION.

For up-to-date information, please call Ron Hiebert at 428-1478